

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1 | 253 | (semicarbohydrazide or semicarbazide) same (hydrazine and (reducing or reduction or scaveng\$)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:39 |
| L2 | 1 | L1 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:34 |
| L3 | 407 | (semicarbohydrazide or semicarbazide) same (hydroly\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:58 |
| L4 | 23 | (semicarbohydrazide or semicarbazide) with ("reducing agent") | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:59 |
| S8 | 389 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:26 |
| S9 | 9 | S8 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 15:29 |
| S10 | 196 | S8 and cross\$2link\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 15:48 |
| S11 | 288 | S8 and @py<="2002" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 15:49 |
| S12 | 54 | S8 and break\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 15:49 |
| S13 | 29 | S11 and S12 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 15:50 |
| S14 | 257 | S8 and polymer | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 15:50 |
| S15 | 16 | S8 and S10 and S11 and S12 and S14 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 15:51 |
| S16 | 6682 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or hydrazine or hydroxylamine) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 16:15 |
| S17 | 62 | S16 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 16:06 |

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|-----|-----|--|------------------------------|----|----|------------------|
| S18 | 53 | S17 not S9 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 16:08 |
| S19 | 25 | S18 and polymer | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 16:13 |
| S20 | 27 | S18 and polymer\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 16:21 |
| S21 | 2 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime) | EPO; DERWENT | OR | ON | 2005/06/20 16:14 |
| S22 | 70 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or hydrazine or hydroxylamine) | EPO; DERWENT | OR | ON | 2005/06/21 09:57 |
| S23 | 12 | S22 and polymer\$5 | EPO; DERWENT | OR | ON | 2005/06/20 16:16 |
| S24 | 1 | S21 and S23 | EPO; DERWENT | OR | ON | 2005/06/20 16:16 |
| S26 | 0 | S21 or S23 | USPAT | OR | ON | 2005/06/20 16:16 |
| S27 | 13 | S21 or S23 | EPO; DERWENT | OR | ON | 2005/06/20 16:21 |
| S28 | 397 | ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:55 |
| S29 | 259 | S28 and polymer | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:27 |
| S30 | 25 | S29 and (ferric same cross\$2link\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:29 |
| S32 | 2 | S30 and (ferric same reduc\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:29 |
| S33 | 391 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or 2-butanone\$2oxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:38 |
| S34 | 389 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:38 |
| S35 | 2 | S33 not S34 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:44 |

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| S36 | 60 | (hydrazide or oxime) and ("507". clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:48 |
| S37 | 13 | S36 and ferric | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 09:48 |
| S38 | 3 | ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime) | EPO; DERWENT | OR | ON | 2005/06/21 10:07 |
| S39 | 2 | ((acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or 2-butanone\$2oxime)) | EPO; DERWENT | OR | ON | 2005/06/21 09:57 |
| S40 | 21 | ferric and (hydrazide or oxime) | EPO; DERWENT | OR | ON | 2005/06/21 10:13 |
| S42 | 1 | "3818991".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:01 |
| S43 | 24 | ("3024191" "3167510" "3302717" "3310112" "3405062" "3442803").PN. OR ("3818991").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:01 |
| S44 | 1 | "3779914".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:01 |
| S45 | 34 | ("3167510" "3370650" "3405062" "3442803").PN. OR ("3779914").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:02 |
| S46 | 51 | S43 or S45 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:07 |
| S47 | 0 | S46 and ((acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or oxime or hydrazide or 2-butanone\$2oxime)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:08 |
| S48 | 2 | S46 and ferric | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:05 |
| S49 | 40 | S46 and fractur\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:07 |
| S50 | 0 | S46 and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or oxime or hydrazide or 2-butanone\$2oxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:09 |
| S51 | 3 | S46 and (hydrazine or hydroxylamine) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:09 |

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| S52 | 1 | "4683954".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:16 |
| S53 | 1 | "3809160".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:20 |
| S54 | 1 | "3978928".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:26 |
| S55 | 56628 | hydrazine | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:27 |
| S56 | 17590 | hydrolysis and hydrazine | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:27 |
| S57 | 2945 | Hydrolysis same hydrazine | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:27 |
| S58 | 1065 | hydrolysis with hydrazine | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:27 |
| S59 | 1 | S58 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:28 |
| S60 | 6 | S57 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:30 |
| S61 | 357 | hydrazine same \$carbohydrazide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:32 |
| S62 | 17 | S61 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:43 |
| S63 | 7022 | hydroxylamine same oxime | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:43 |
| S64 | 6591 | hydroxyl\$2amine same oxime | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:45 |
| S65 | 6775 | hydroxyl\$2amine same (oxime or aldoxime or ketoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:50 |
| S66 | 192 | S65 not S63 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:49 |
| S67 | 6775 | (hydroxyl\$2amine) same (oxime or aldoxime or ketoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:50 |

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| S68 | 7227 | (hydroxylamine) same (oxime or aldoxime or ketoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:53 |
| S69 | 3 | S68 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 10:51 |
| S70 | 4977 | (hydroxylamine) with (oxime or aldoxime or ketoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:06 |
| S71 | 1 | "4067690".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:09 |
| S72 | 1 | "4269717".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:12 |
| S73 | 663 | hydroly\$3 same (oxime same hydroxylamine) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:19 |
| S75 | 1 | S73 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:13 |
| S76 | 19 | hydroly\$3 same (carbohydrazide same hydrazine) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:20 |
| S77 | 2220 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or oxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:32 |
| S79 | 13 | S77 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:29 |
| S80 | 389 | (acid or acidiz\$3 or fractur\$3) and ferric and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:29 |
| S81 | 9 | S80 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:29 |
| S82 | 4 | S79 not S81 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:31 |
| S83 | 30233 | (acid or acidiz\$3 or fractur\$3) and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or oxime) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 13:19 |
| S84 | 23218 | S83 and metal | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:32 |

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| S85 | 623 | S83 and (crosslink\$3 with metal) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:33 |
| S86 | 829 | S83 and ((crosslink\$3 or cross-link\$3) with metal) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 13:20 |
| S87 | 416 | S86 and iron | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:35 |
| S88 | 42 | S83 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 11:36 |
| S89 | 3098 | (acid or acidiz\$3 or fractur\$3) and (carbohydrazide or semi\$2carbohydrazide or ketoxime or aldoxime or oxime) | EPO; DERWENT | OR | ON | 2005/06/21 13:20 |
| S90 | 405 | S89 and polymer | EPO; DERWENT | OR | ON | 2005/06/21 13:20 |
| S91 | 13 | S89 and ((crosslink\$3 or cross-link\$3) with metal) | EPO; DERWENT | OR | ON | 2005/06/21 13:22 |
| S92 | 120 | S89 and (crosslink\$3 or cross-link\$3) | EPO; DERWENT | OR | ON | 2005/06/21 13:21 |
| S93 | 1 | S89 and ((crosslink\$3 or cross-link\$3) with iron) | EPO; DERWENT | OR | ON | 2005/06/21 13:22 |
| S94 | 0 | 505/244.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:22 |
| S95 | 636 | 507/244.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:23 |
| S97 | 23 | S95 and (hydrazine or hydrazide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:38 |
| S99 | 2 | S95 and carbohydrazide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:54 |
| S100 | 0 | S95 and semicarbohydrazide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:39 |
| S101 | 0 | S95 and semi-carbohydrazide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:39 |
| S102 | 0 | S95 and \$semicarbohydrazide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:39 |
| S103 | 5962 | carbodihydrazide or semicarbazide or carbazide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:58 |

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| S10 4 | 13 | S103 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 15:55 |
| S10 5 | 1065 | carbodihydrazide or semicarbazide or carbazide | EPO; DERWENT | OR | ON | 2005/06/21 16:03 |
| S10 6 | 193 | S105 and polymer | EPO; DERWENT | OR | ON | 2005/06/21 15:59 |
| S10 7 | 20 | S106 and (cross-link\$3 or crosslink\$3) | EPO; DERWENT | OR | ON | 2005/06/21 16:02 |
| S10 9 | 2075 | (carbodihydrazide or semicarbazide or carbazide) same hydrazine | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:07 |
| S11 0 | 10 | S109 and ("507".clas. or "166".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:04 |
| S11 1 | 1234 | S109 and (reducing or reduction) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:08 |
| S11 2 | 1088 | S109 and hydroly\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:06 |
| S11 3 | 219 | (carbodihydrazide or semicarbazide or carbazide) same (hydrazine and hydroly\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:10 |
| S11 4 | 119 | S111 and S113 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:08 |
| S11 5 | 59 | (carbodihydrazide or semicarbazide or carbazide) same (hydrazine and hydroly\$3) same (reducing or reduction) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 16:10 |